

## Special Issue

# Bioactive Compounds Derived from Plants and Their Medicinal Potential

### Message from the Guest Editors

Medicinal plants offer a rich source of pharmaceutical compounds with demonstrated potential to improve and address human and animal diseases, offering important avenues for drug discovery. These bioactive compounds have diverse properties, such as antimicrobial, larvicidal, antioxidant, anticancer, and immunomodulatory activities. As there have been advances in different technologies, such as data science and machine learning, that have begun to transform evidence-based medicine, particularly at the diagnostics level, we gain a 'glimpse' of what next-generation medicine and pharmacy can offer. This Special Issue aims to comprehensively gather reports on the bioactivity of several medicinal plants through rigorous experimentation (e.g., in vitro, ex vivo, and in vivo) and advance the development of evidence-based pharmaceutical interventions. The reports can explore various aspects of natural product pharmacology, including the identification of novel compounds, mechanistic studies, synergistic effects, formulation development, and clinical trials.

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### Guest Editors

Dr. Maria de Lourdes Pereira

Dr. Veeranoot Nissapatorn

Prof. Dr. Ana Paula Girol

Dr. Sónia M. R. Oliveira

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### Deadline for manuscript submissions

closed (25 February 2025)



## Pharmaceuticals

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### Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

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We hope to handle your contribution to *Pharmaceuticals* soon.

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### Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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